

CLAIMS

1. An aqueous composition comprising from 5% to 30% of at least one organic compound having a melting point in a range from 30°C to 60°C and water solubility at 25°C of less than 0.5 %, at least one inorganic filler, at least one
5 surfactant and no more than 20% organic solvent; said composition being stable with regard to agglomeration and phase separation for at least three months at room temperature.
2. The composition of claim 1 in which said at least one organic compound is
10 at least one isothiazolone biocide having a melting point in a range from 35°C to 45°C.
3. The composition of claim 2 containing from 15% to 30% of said at least one isothiazolone biocide, which is selected from 4,5-dichloro-2-octyl-3(2H)-
15 isothiazolone and n-butylbenzisothiazolone.
4. The composition of claim 3 in which said at least one inorganic filler comprises titanium dioxide and kaolin, the composition contains no more than 17% organic solvent, and the composition further comprises at least one
20 thickener and at least 2% of at least one copper salt.
5. The composition of claim 4 in which said at least one organic solvent comprises at least one solvent selected from di-glycol solvents and tri-glycol solvents.
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6. A method for producing an aqueous dispersion comprising from 5% to 30% of at least one organic compound having a melting point in a range from 30°C to 60°C and water solubility at 25°C of less than 0.5 %, at least one inorganic filler, at least one surfactant and no more than 20% organic solvent; said dispersion
30 being stable with regard to agglomeration and phase separation for at least three months at room temperature; said method comprising combining in water said

organic compound, the inorganic filler and the surfactant, at a temperature from 0°C to 35°C with agitation to provide a substantially uniform dispersion.

7. The method of claim 6 in which the dispersion contains from 15% to 30%
5 of said at least one isothiazolone biocide, which is selected from 4,5-dichloro-2-octyl-3(2H)-isothiazolone and n-butylbenzothiazolone, and the temperature is maintained from 2°C to 25°C.
8. The method of claim 7 in which said at least one inorganic filler comprises
10 titanium dioxide and kaolin, the dispersion contains no more than 17% organic solvent, and in which the dispersion further comprises at least one thickener and at least 2% of at least one copper salt.
9. The method of claim 8 in which the organic compound is 4,5-dichloro-2-
15 octyl-3(2H)-isothiazolone which is dissolved in a solvent comprising at least one solvent selected from di-glycol solvents and tri-glycol solvents prior to addition to other ingredients.
10. The method of claim 8 in which the organic compound is 4,5-dichloro-2-
20 octyl-3(2H)-isothiazolone which is melted prior to addition to other ingredients.